

ABSTRACT OF THE DISCLOSURE

A water treatment system provides treated or softened water to a point of use by removing a portion of any hardness-causing species contained in water from a point of entry coming from a water source, such as municipal water, well water, brackish water and water containing foulants. The water treatment system typically treats the water containing at least some undesirable species before delivering the treated water to a point of use. The water treatment system has a reservoir system in line with an electrochemical device. The electrochemical device of the water treatment system is operated at a low current and low flow rate to minimize water splitting or polarization, which minimizes scale formation.